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| <b>Substitute for form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | <b>Complete if Known</b> |                          |                        |                |
|   |   | Application Number       | 10/705,913 - Conf. #7322 |                        |                |
|   |   | Filing Date              | November 13, 2003        |                        |                |
|   |   | First Named Inventor     | Soon Sung YOO            |                        |                |
|   |   | Art Unit                 | 2826                     |                        |                |
|   |   | Examiner Name            | Kevin V. Quinto          |                        |                |
| Sheet   | 1 | of                       | 1                        | Attorney Docket Number | 8733.935.00-US |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| NT                    | AA                       | US2002-0054247-A1                        | 05-09-2002                     | HWANG et al.                                       |   |
|                       | AB                       |  |                                |  |   |
|                       | AC                       |  |                                |  |   |
|                       | AD                       |  |                                |  |   |
|                       | AE                       |  |                                |  |   |
|                       | AF                       |  |                                |  |   |
|                       | AG                       |  |                                |  |   |
|                       | AH                       |  |                                |  |   |
|                       | AI                       |  |                                |  |   |
|                       | AJ                       |  |                                |  |   |

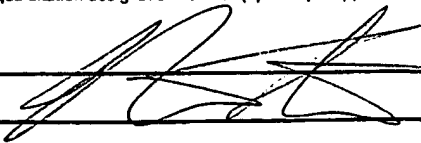
| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
| NT                       | BA                       | DE-102 20 173 A1  | 11-28-2002                        | LG.Philips LCD Co., Ltd.                           |   |                |
| NT                       | BB                       | EP-0 724 183 A2   | 07-31-1996                        | Hitachi, Ltd.                                      |   |                |
| NT                       | BC                       | DE-199 06 815 A1  | 09-02-1999                        | LG LCD Inc.  |   |                |
|                          | BD                       |   |                                   |  |   |                |
|                          | BE                       |   |                                   |  |   |                |
|                          | BF                       |   |                                   |  |   |                |
|                          | BG                       |   |                                   |  |   |                |
|                          | BH                       |   |                                   |  |   |                |
|                          | BI                       |   |                                   |  |   |                |

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| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
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| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | CA                       |   |                |
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| Examiner<br>Signature |  | Date<br>Considered | 1/31/06 |
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